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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/831,527	99/831,527 07/20/2001		Masud Bolouri-Saransar	U 013451-6	5898	
140	7590	05/12/2005		EXAMINER		
LADAS &		Fæ	DANG, HUNG Q			
26 WEST 61ST STREET NEW YORK, NY 10023				ART UNIT	PAPER NUMBER	
				2635		
				DATE MAILED: 05/12/2005		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary    Summary		Application No.	Applicant(s)						
## Defice Action Summary ## Description   Description		Application No.							
Hung Q Dang   2635	Office Action Summary								
The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the provision of 37 CFR 1.708(a). In or event, however, may a reply be timely filed  Extensions of time may be available under the provision of 37 CFR 1.708(a). In or event, however, may a reply be timely filed  Extensions of the reply specified above. Be maximum attention period will apply and vite expire X (b) MCNTFS from the making date of this communication. Fallium to reply will be activated period for reply will, by statute, cause the application to become ABANDONED (SS 125. 5 ± 35).  If No period for reply specified above, the maximum statutory period will apply and vite expire X (b) MCNTFS from the making date of this communication, even if inney filed, may include any search patients and patients. Sea 37 CFR 1.704(a).  Status  1) ■ Responsive to communication(s) filed on 01 July 2002.  2a) □ This action is FINAL.  2b) ☑ This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) ☑ Claim(s) 1.71 is/are pending in the application.  4) ☑ Claim(s) 1.67.11 and 12 is/are rejected.  5) □ Claim(s) 1.67.11 and 12 is/are rejected.  7) □ Claim(s) 1.67.11 and 12 is/are rejected.  9) □ The specification is objected to by the Examiner.  9) □ The specification is objected to by the Examiner.  Application Papers  9) □ The specification is objected to the structure of drawing(s) be held in abeyance. Sea 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to Sea 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to Sea 37 CFR 1.85(a).	•								
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time may be available under the previous of 3C PER 1 13(8). In no event, however, may a reply be timely field  Extensions of time may be available under the previous of 3C PER 1 13(8). In no event, however, may a reply be timely field  If the period for reply specified above is less than thiny (30) days, a reply whith the saturbory minimum of birty (40) days will be considered birmsy.  If No period for reply specified above, be meastrems statutory period will apply and ville signs for the melaling date of this communication.  Failure to reply within the set or extended period for reply will, by about on the communication, even if fundy field, may reduce stay search global term adjustment. See 37 CFR 1.74(b).  Status  1) Responsive to communication(s) filled on 01 July 2002.  2a) This action is FINAL.  2b) This action is non-final.  3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-17 is/are pending in the application.  4a) Of the above claim(s) is/are allowed.  6) Claim(s) 1-36 are allowed.  6) Claim(s) 1-36 are allowed.  6) Claim(s) 1-36 are objected to.  8) Claim(s) 1-36 are objected to by the Examiner.  10) The drawing(s) filed on 20 July 2001 is/are: a) correction is requirement.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The oath or declaration is objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) So	The MAILING DATE of this communication app								
THE MAILING DATE OF THIS COMMUNICATION.  Editentions of time may be swipled be under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (8) MCNT It's from the mailing date of this communication.  It NO pared for may be sworded above, the maximum statutory period value by the statutory writing the statutory writing the statutory and the mailing date of this communication.  Failure to reply within the set or extended point of reply will, by statutor, accurate the application to become ABANDONED (3s U.S. C. § 133). Any reply received by the Office atter then three membrands after the mailing date of this communication, even if smally filed, may reduce any canned patent tum adjustment. She 97 CFR 1.704(b).  Status  1)	Period for Reply								
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#### **DETAILED ACTION**

### **Drawings**

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the claimed "central unit" in claim 1, the "signal adaptation circuit" and the "patch panel" in claim 6, and the "DIN rail" in claim 11 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

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## Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

- 3. The term "preferably" in claims 1, 3, 7, 11 and 12 is a relative term which renders the claim indefinite. The term "preferably" is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention.
- 4. Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. To be specific, claim 1 claims "... signals of several different types..", which does not particularly point out what the different types of signals are.
- 5. Claim 1 is rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. See MPEP § 2172.01. To be specific, it is not clear how the central unit, the data main distribution frame and the installation equipment are operably connected.
- 6. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which

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applicant regards as the invention. To be specific, claim 6 claims "... such that the propagation of the signal through the data transmission installation is improved". It is not clearly understood how such signal propagation is improved.

## Allowable Subject Matter

7. Claims 1-17 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1 and 6, the prior arts of record fail to teach or disclose a method for the distribution and transfer of external communication and multimedia signals in private dwellings and offices with one or more rooms, wherein the distribution is provided via a central unit connected to a plurality of signal terminals, wherein all signals are converted to a same group of signal types which can be transferred via a data main distribution frame; consequently, said signals are converted back to their original types before transferred to installation equipment.

#### Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q Dang whose telephone number is (571) 272-3069. The examiner can normally be reached on 9:30AM-6PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on (571) 272-3068. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HD

MICHAEL HORABIK
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

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